

Abstract

The inventive slit-lamp unit comprises a table (1), a cross-slide (2) which can be displaced with the aid of a guide lever (8), a head holder (3), a microscope (5) which can be rotated about an axis of rotation (9), and an illuminating means (10) fastened on a holder (11). The holder (11) comprises a base (11.1), likewise rotatable about the axis of rotation (9), and a carrier (11.2) which can be displaced relative to the base (11.1) by means of a rail (13) in the direction of the eye (7) or away from the latter. The illuminating means (10) are fastened on the carrier (11.2) and comprise a lens (19), a prism (18), an image recording device (14) and a light source (17). The prism (18) serves the purpose both of deflecting onto the eye (7) an illuminating beam generated by the light source (17), and of deflecting onto the image recording device (14) a viewing beam emerging from the eye (7), the said image recording device being connected to a computer monitor (16.2) in order to display the images thus recorded. If the illuminating means (10) are positioned directly in front of the eye (7) with the aid of the rail (13), it is also possible to use this slit-lamp unit for high-quality examination of the fundus of the eye.